Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD Effective December 8, 2004 589635 CLAIMS AS FILED - PART I SMALL ENTITY OTHER THAN TYPE OR SMALL ENTITY (Column 1) (Column 2) U.S. NATIONAL STAGE FEES. RATE FEE RATE FEE BASIC FEE **SMALL ENT. = \$ 150** LARGE ENT. = \$ 300 300 BASIC FEE OR **BASIC FEE** Satisfies PCT Article 33(1)-All other situations = **EXAMINATION FEE** EXAM. FEE 200 EXAM. FEE (4) = \$50/\$100\$ 100 / \$ 200 U.S. is ISA = \$50/\$100ALL other situations = SEARCH FEE ALL other countries = SEARCH FEE SEARCH FEE \$ 250 / \$ 500 \$ 200 / \$ 400 400 FEE FOR EXTRA SPEC. PGS. minus 100 = /50 =X \$ 125 =X \$ 250 =TOTAL CHARGEABLE CLAIMS minus 20 = | * X \$ 25 =X \$ 50 =OR INDEPENDENT CLAIMS minus $3 = \frac{1}{4}$ X \$ 100 =X \$ 200 =OR MULTIPLE DEPENDENT CLAIM PRESENT + \$ 180 = + \$ 360 = OR If the difference in column 1 is less than zero, enter "0" in column 2 900 TOTAL OR TOTAL CLAIMS AS AMENDED - PART II OTHER THAN SMALL ENTITY OR SMALL ENTITY (Column 1) (Column 2) (Column 3) CLAIMS .HIGHEST ADDI-ADDI-REMAINING NUMBER **PRESENT** RATE TIONAL RATE TIONAL PREVIOUSLY **AFTER** EXTRA MENDMENT FEE **AMENDMENT** PAID FOR FEE Total Minus X \$ 25 = ...X \$ 50 =OR Independent **★.★**★ Minus X \$ 100 =X \$ 200 = OR I FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM + \$ 180 = + \$ 360 = OR **TOTAL ADDIT** TOTAL ADDIT. **OR** FEE FEE (Column 1) (Column 2) ·(Column 3) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER **PRESENT** RATE **TIONAL RATE** TIONAL AFTER **PREVIOUSLY EXTRA** AMENDMENT FEE **AMENDMENT** FEE PAID FOR Total Minus X \$ 25 =X \$ 50 =OR Independent *** Minus X \$ 100 =OR X \$ 200 = FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM. + \$ 180 = OR + \$ 360 = TOTAL ADDIT TOTAL ADDIT. OR FEE FEE If the entry in column 1 is less than the entry in column 2, write "0" in column 3. If the "Highest Number Previously Paid For" IN THIS SPACE is less than '20', enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than '3', enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.